

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050160262"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L2	850	713/189.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L3	300	713/166.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L4	1245	713/168.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L5	173	726/25.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L6	1081	380/28.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L7	475	380/37.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L8	290	380/42.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39

## EAST Search History

L9	33344	(Feistel or CAST or MISTY\$2) same (cipher\$3 or encrypt\$3 or encipher\$3 or cryptograph\$4 or algorithm or function or equation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L10	3883	(L2 or L3 or L4 or L5 or L6 or L7 or L8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L11	989241	polynomial or algebraic or equation or algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L12	3612072	(output or result or parameter or value) with (step\$3 or round or process or function\$3 or calculat\$3 or determin\$3 or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L13	4873	L9 and L12 and L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L14	31175	(cipher\$3 or encrypt\$3 or encipher\$3 or cryptograph\$4) with (strength or weakness or provab\$6 or probab\$6 or value or evaluat\$3 or determin\$3 or measur\$3 or scal\$3 or factor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L15	109	L13 and L10 and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L16	2805	(cipher\$3 or encrypt\$3 or encipher\$3 or cryptograph\$4) with (strength or weakness or provab\$6 or probab\$6 or value) with (evaluat\$3 or determin\$3 or measur\$3 or scal\$3 or factor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39

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L17	29	L13 and L10 and L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L18	82	Tsunoo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L19	13	(cipher\$3 or encrypt\$3 or encipher\$3 or cryptograph\$4) and L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L20	2	"20050235342"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L21	2	("7227948").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 17:39
L22	4	((("6189095") or ("7227948"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 17:39
L23	3	L22 and (extend\$3 or expand\$3 or key\$3 or stage or step\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L24	2	L22 and (search\$3 or find\$3 or loop\$3 or look\$3 or track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39

## EAST Search History

L25	4	((("7043016") or ("6751319"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 17:39
L26	2	"20020021801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39
L27	1	(L26 or L25) and (exhaust\$4 near3 search\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:39


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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **Kamkar symmetric block cipher**  
 Elkamchouchi, H.M.; Makar, M.A.;  
[Radio Science Conference, 2004. NRSC 2004. Proceedings of the Twenty-First National 16-18 March 2004 Page\(s\):C1 - 1-8](#)  
 Digital Object Identifier 10.1109/NRSC.2004.1321802  
[AbstractPlus](#) | Full Text: [PDF\(692 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **Analyzing the energy consumption of security protocols**  
 Potlapally, N.R.; Ravi, S.; Raghunathan, A.; Jha, N.K.;  
[Low Power Electronics and Design, 2003. ISLPED '03. Proceedings of the 2003 International Symposium on 25-27 Aug. 2003 Page\(s\):30 - 35](#)  
 Digital Object Identifier 10.1109/LPE.2003.1231830  
[AbstractPlus](#) | Full Text: [PDF\(899 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. **Analysis of tradeoffs between security strength and energy savings in security protocols for WLANs**  
 Prasithsangaree, P.; Krishnamurthy, P.;  
[Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th Volume 7, 26-29 Sept. 2004 Page\(s\):5219 - 5223 Vol. 7](#)  
 Digital Object Identifier 10.1109/VETECF.2004.1405097  
[AbstractPlus](#) | Full Text: [PDF\(1907 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **The extended Rijndael-like block ciphers**  
 Duong Anh Duc; Tran Minh Triet; Luong Han Co;  
[Information Technology: Coding and Computing, 2002. Proceedings. International Conference on 8-10 April 2002 Page\(s\):183 - 188](#)  
 Digital Object Identifier 10.1109/ITCC.2002.1000384  
[AbstractPlus](#) | Full Text: [PDF\(282 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. **Avalanche characteristics of substitution-permutation encryption networks**  
 Heys, H.M.; Tavares, S.E.;  
[Computers, IEEE Transactions on Volume 44, Issue 9, Sept. 1995 Page\(s\):1131 - 1139](#)  
 Digital Object Identifier 10.1109/12.464391  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(800 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

- ☐ **6. Construction of secure and fast hash functions using nonbinary error-correcting codes**  
Knudsen, L.; Preneel, B.;  
[Information Theory, IEEE Transactions on](#)  
Volume 48, Issue 9, Sept. 2002 Page(s):2524 - 2539  
Digital Object Identifier 10.1109/TIT.2002.801402  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(456 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ **7. An ASEP (advanced secure electronic payment) protocol design using 3BC and ECC (F/sub 2/sup m/) algorithm**  
Byung kwan Lee; Tai-Chi Lee; Seung Hae Yang;  
[e-Technology, e-Commerce and e-Service, 2004. EEE '04. 2004 IEEE International Conference on](#)  
28-31 March 2004 Page(s):341 - 346  
Digital Object Identifier 10.1109/EEE.2004.1287332  
[AbstractPlus](#) | Full Text: [PDF\(302 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **8. A general encryption scheme based on MDS code**  
Xu, L.;  
[Information Theory, 2003. Proceedings. IEEE International Symposium on](#)  
29 June-4 July 2003 Page(s):19  
Digital Object Identifier 10.1109/ISIT.2003.1228033  
[AbstractPlus](#) | Full Text: [PDF\(229 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **9. Dynamically key-controlled symmetric block cipher KAMFEE**  
Elkamchouchi, H.M.; Elshafee, A.M.;  
[Radio Science Conference, 2003. NRSC 2003. Proceedings of the Twentieth National](#)  
18-20 March 2003 Page(s):C19 - 1-12  
Digital Object Identifier 10.1109/NRSC.2003.1217353  
[AbstractPlus](#) | Full Text: [PDF\(1089 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **10. Rotor enhanced block cipher (REBC)**  
Elkamchouchi, H.M.; Elshafee, A.M.;  
[Radio Science Conference, 2002. \(NRSC 2002\). Proceedings of the Nineteenth National](#)  
19-21 March 2002 Page(s):262 - 269  
Digital Object Identifier 10.1109/NRSC.2002.1022631  
[AbstractPlus](#) | Full Text: [PDF\(1152 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **11. A method for obtaining cryptographically strong 8x8 S-boxes**  
Xun Yi; Shi Xin Cheng; Xiao Hu You; Kwok Yan Lam;  
[Global Telecommunications Conference, 1997. GLOBECOM '97., IEEE](#)  
Volume 2, 3-8 Nov. 1997 Page(s):689 - 693 vol.2  
Digital Object Identifier 10.1109/GLOCOM.1997.638418  
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **12. New design strategy of dynamic security implementation**  
Soliman, H.S.; Omari, M.;  
[Global Telecommunications Conference Workshops, 2004. GlobeCom Workshops 2004. IEEE](#)  
29 Nov.-3 Dec. 2004 Page(s):442 - 446  
Digital Object Identifier 10.1109/GLOCOMW.2004.1417620  
[AbstractPlus](#) | Full Text: [PDF\(613 KB\)](#) IEEE CNF  
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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Dynamic reconfiguration for the common key encryption using FPGA**  
Yamaguchi, T.; Hashiyama, T.; Okuma, S.;  
[Field-Programmable Technology, 2002. \(FPT\). Proceedings. 2002 IEEE International Conference on](#)  
16-18 Dec. 2002 Page(s):378 - 381  
[AbstractPlus](#) | Full Text: [PDF\(315 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **A CPLD-based RC4 cracking system**  
Kundarewich, P.D.; Wilton, S.J.E.; Hu, A.J.;  
[Electrical and Computer Engineering, 1999 IEEE Canadian Conference on](#)  
Volume 1, 9-12 May 1999 Page(s):397 - 402 vol.1  
Digital Object Identifier 10.1109/CCECE.1999.807231  
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF  
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((measuring and cipher and quality)&lt;in&gt;metadata)

[Search](#)☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)☐ 1. Encryption Efficiency Analysis and Security Evaluation of RC6 Block Cipher for Digital Images

Ahmed, H.E.H.; Kalash, H.M.; Allah, O.S. Farag;

[Electrical Engineering, 2007. ICEE '07. International Conference on](#)

11-12 April 2007 Page(s):1 - 7

Digital Object Identifier 10.1109/ICEE.2007.4287293

[AbstractPlus](#) | Full Text: [PDF\(4880 KB\)](#) IEEE CNF[Rights and Permissions](#)☐ 2. Measuring encryption quality for bitmap images encrypted with rijndael and KAMKAR block ciphers

Elkamchouchi, H.M.; Makar, M.A.;

[Radio Science Conference, 2005. NRSC 2005. Proceedings of the Twenty-Second National](#)

March 15-17, 2005 Page(s):277 - 284

[AbstractPlus](#) | Full Text: [PDF\(591 KB\)](#) IEEE CNF[Rights and Permissions](#)

# Interference Search

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	850	713/189.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 18:42
L2	475	380/37.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:51
L3	1081	380/28.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:23
L4	173	726/25.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:23
L5	1245	713/168.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:23
L6	300	713/166.ccls. and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:23
L7	3729	(L1 or L2 or L3 or L4 or L5 or L6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 20:24
L8	2065	((cipher\$3 or encrypt\$3) with (strength or rating or measurement or measur\$3 or rank\$3 or factor\$3 or evaluat\$3 or determin\$3)).clm.	US-PGPUB	OR	ON	2007/11/06 21:04
L9	1031	(Feistel or (block\$3 near3 cipher\$3) or shuffl\$3).clm.	US-PGPUB	OR	ON	2007/11/06 20:51

# Interference Search

## EAST Search History

L10	199	(key\$3 with plaintext).clm.	US-PGPUB	OR	ON	2007/11/06 20:51
L11	10	L8 and L9 and L10	US-PGPUB	OR	ON	2007/11/06 20:51
L12	5	L11 and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:04
L13	58	L8 and L9	US-PGPUB	OR	ON	2007/11/06 21:01
L14	25	L13 and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:01
L15	335	((cipher\$3 or encrypt\$3) with (strength or rating or measurement or measur\$3 or rank\$3 or factor\$3 or evaluat\$3)).clm.	US-PGPUB	OR	ON	2007/11/06 21:12
L16	96	L15 and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:12
L17	4	L16 and key\$3.clm. and plaintext.clm.	US-PGPUB	OR	ON	2007/11/06 21:05
L18	19	((cipher\$3 or encrypt\$3) with (strength or rating or rank\$3 or level) with (measurement or measur\$3 or factor\$3 or evaluat\$3)).clm.	US-PGPUB	OR	ON	2007/11/06 21:21
L19	5	L18 and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:15
L20	0	((encrypt\$3 or cipher\$3) with entropy).clm.	US-PGPUB	OR	ON	2007/11/06 21:15
L21	16	((encrypt\$3 or cipher\$3) with entropy).clm.	US-PGPUB	OR	ON	2007/11/06 21:15
L22	7	L21 and @ad<"20030121"	US-PGPUB	OR	ON	2007/11/06 21:18
L23	16	((cipher\$3 or encrypt\$3) with (strength or rating or rank\$3 or level) with (detect\$3)).clm.	US-PGPUB	OR	ON	2007/11/06 21:18
L24	4	L23 and @ad<"20030121"	US-PGPUB	OR	ON	2007/11/06 21:23

# Interference Search

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L25	42	((cipher\$3 or encrypt\$3) with (strength or rating or rank\$3 or level) with (measurement or measur\$3 or factor\$3 or evaluat\$3 or detect\$3)). cfm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:21
L26	3	L25 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:22
L27	5	"6504929" and @ad<"20030121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 21:23